



**“Smells Like Trouble!”**



**The LEA  
Disaster  
Response**



# Disaster

***disaster di-zas-ter***

*noun*

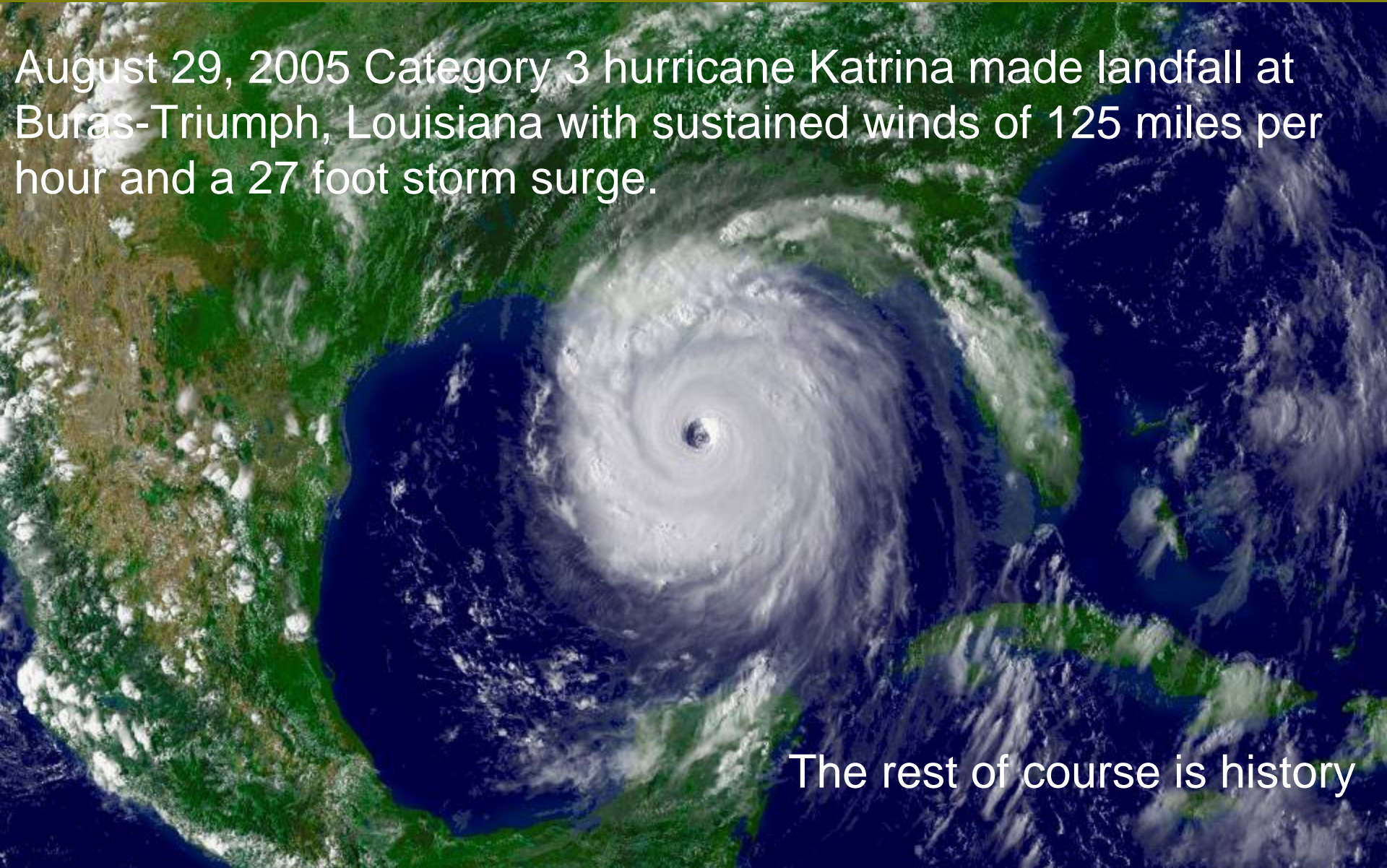
1.a calamitous event, esp. one occurring suddenly and causing great loss of life, damage, or hardship, as a earthquake, airplane crash, or business failure.

Or...



August 29, 2005 Category 3 hurricane Katrina made landfall at Buras-Triumph, Louisiana with sustained winds of 125 miles per hour and a 27 foot storm surge.

The rest of course is history



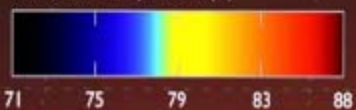


# Hurricane Katrina Coupled Model Forecast

Aug 27 02:30 UTC



Sea Surface Temperature (°F)



GFDL



# California Disasters

- Earthquake
- Flood / Tsunami
- Fire
- Hazardous Material Incident
- Stage III Energy Failure
- Terrorism
- Epidemic
- Nuclear Event
- Any Combination / All The above?

# Where does the LEA Fit?

A few Disaster Response Basics....

# EOP

- Emergency Operation Plan
- The procedure through which the organization will conduct itself in response to a qualifying event
- Assures a process for **continuity of operations**
- Defines the organization's **Essential Functions**



# EOP: EOC

- Emergency Operation Center
- Activated through the EOP in response to an incident of significant magnitude
- Where all response and recovery operations will be run until deactivation using the Incident Command System
- Usually where staff will report as they arrive to respond to the event

# ICS

- Recognized throughout the US as the standard system for managing emergencies.
- Used for *command, control, and coordination* of a response.
- Provides a means to coordinate the efforts of individual agencies toward stabilizing the incident and protecting life, property, and the environment

# What is ICS (cont.)

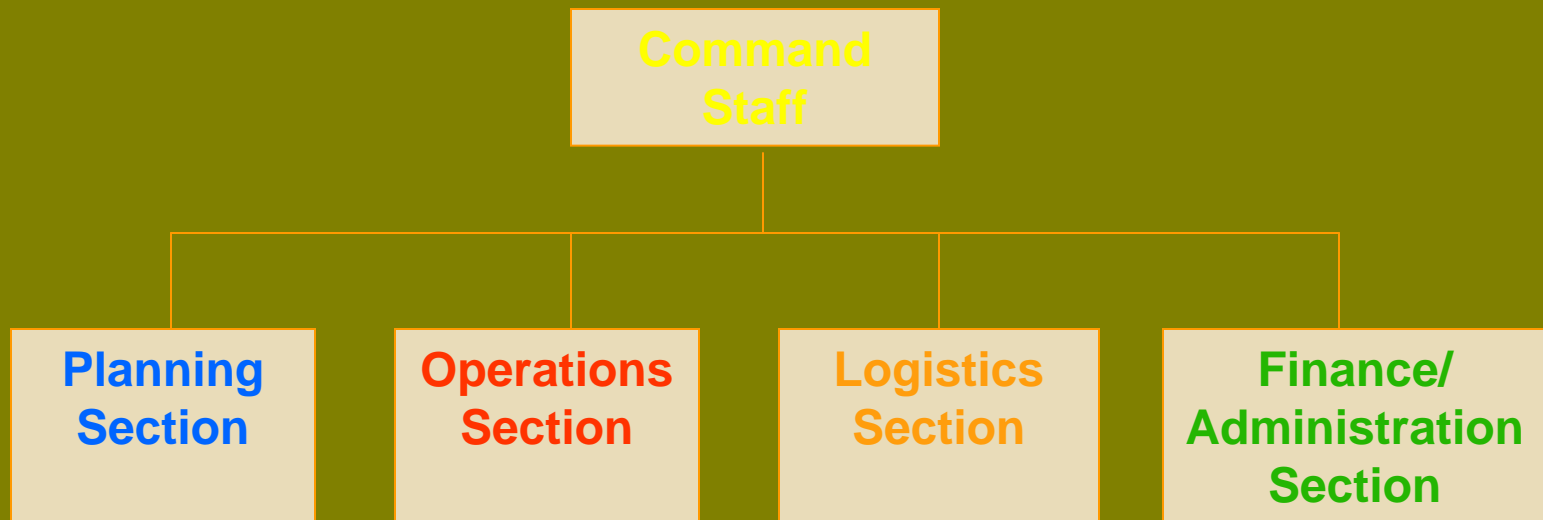
- Developed in the 1970s in response to a series of major wildland fires in Southern California.
- Addressed issues of:
  - Nonstandard terminology among responding agencies.
  - Lack of capability to expand and contract as required by the situation.
  - Nonstandard and nonintegrated communications.
  - Lack of consolidated action plans.
  - Lack of designated facilities.

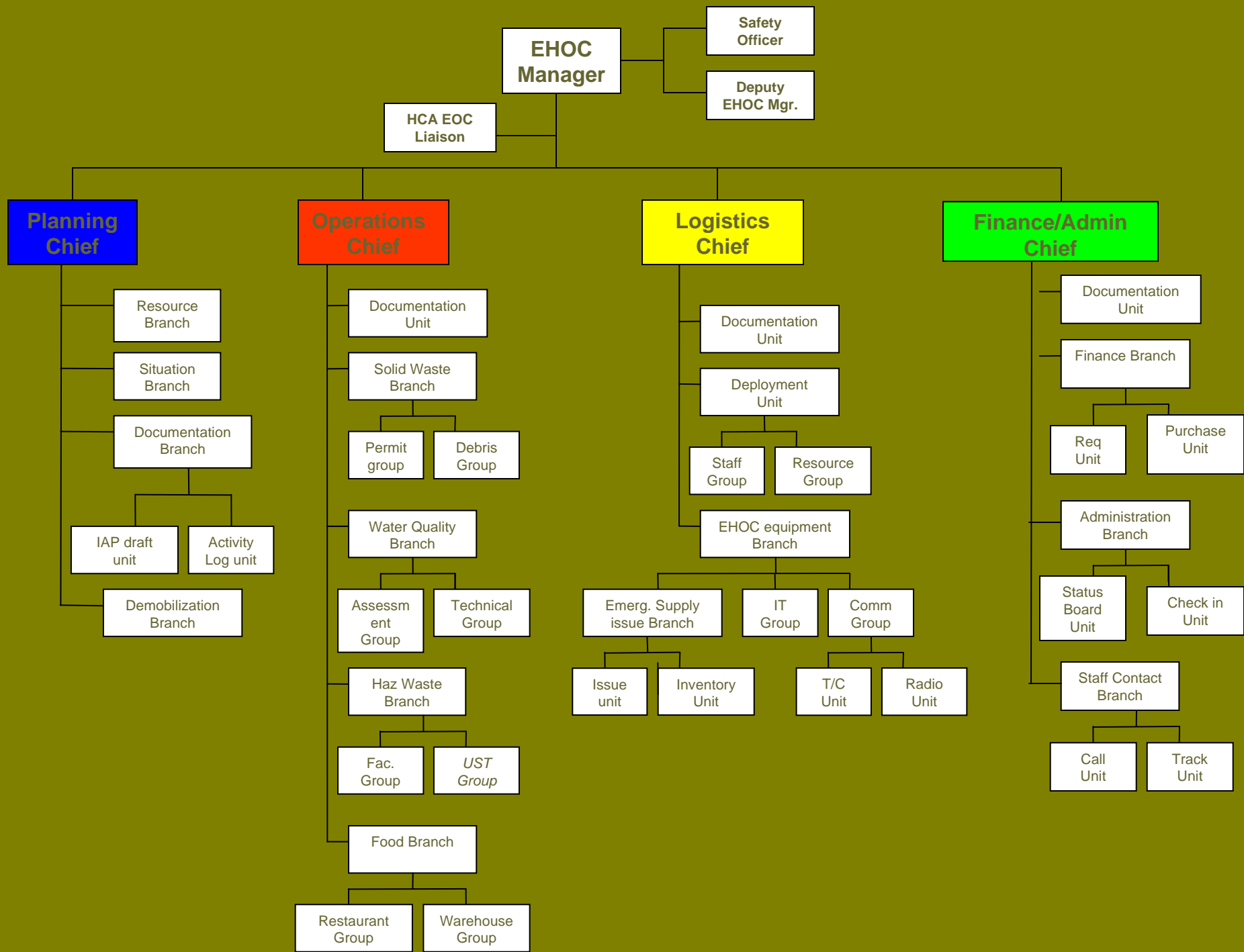


# What did ICS do?

- Provided a common organizational / communication structure useable in incidents of any type or size.
- Employed key management principles in a standardized way.
- Allowed personnel from a variety of agencies to meld rapidly into a common management structure.
- Provided logistical and administrative support to operational staff.
- Provided cost effectiveness by avoiding duplication of efforts.

# ICS Organization







# LEA Issues and considerations

- Earthquake, Flood, Tsunami, Fire, Power Failure:
  - ❖ Debris,
  - ❖ Waste Hauling Assets,
  - ❖ Landfill Damage,
  - ❖ Infrastructure,
  - ❖ Food waste
  - ❖ Mass Care Centers,
  - ❖ Permitting new or temporary facilities
- Hazardous Material / Nuclear:
  - ❖ Add potentially contaminated wastes
- Terrorism:
  - ❖ Add crime scene / evidence issues
- Epidemic:
  - ❖ Add waste as a vector

# Incident Action Plan

- Drafted after the initial briefing by the Planning Section
- Defines and Prioritizes incident objectives
- What would an LEA IAP look like?

## EHOC Incident Action Planning Sheet

Page of

## PLANNING SECTION

DRILL NOT A  
DRILL

Date:

**Incident:**

[illegible]



The Mechanics...

**Known**

**Duty**

**Incident**

**EHOC**

**Center**

**ACT**

**Finance /**

**Administration:**

Track incident finances

Call down

Staff check in / check out

Maintain status board

EHOC Administration

**Reporting  
Staff**

**Initial Briefing**

**Operations:**

Determine IAP needs  
and manage response

**Logistics:** Provide  
Staff and resources to  
Operations



# The LEA Function

- Early stages
- Reporting
- Assignment

# Be Prepared!!

- Get familiar with you EOP and know your disaster roles and responsibilities - before the event!
- Participate in drills and exercises.
- Have a plan at home!!!
- Be nice to your Disaster Specialist. He had a rough day.



I CAME BACK FROM THE  
HORROR AND DEVISTATION  
OF THE BATAAN DEATH  
MARCH 1942  
I WILL COME BACK FROM THE  
HORROR AND DEVISTATION OF  
HURRICANE KATRINA 2005